

XP-002087016

1/1 - (C) WPI / DERWENT
AN - 85-073545 §12!
AP - SU83 576657 830408
PR - SU83 576657 830408
TI - Tubular bone osteosynthesis device - fastening elements are made as cylinders movably joined to each other, with knurled outer surface and end teeth
IW - TUBE BONE OSTEOSYNTHESIS DEVICE FASTEN ELEMENT MADE CYLINDER MOVE JOIN KNURL OUTER SURFACE END TOOTH
IN - BOGACHENKO V I; TISHCHENKO V P
PA - (KIME-R) KIEV MEDICAL INST
PN - SU1111748 A 840907 DW8512 002pp
ORD - 1984-09-07
IC - A61B17/18
FS - GMPI
DC - P31
AB - SU1111748 The tubular bone osteosynthesis device has cylindrical fastening elements (2), with end teeth and knurled surfaces forming paired lock joints, threaded on flexible rod (1) which is mounted on tautening device (3) which has a nut (4). The other end of the flexible rod (1) is immobilely linked to grip (5) mounted on the guide head (6) of one of the fastening elements (2).
- The device is introduced by head (6) through a small aperture in one fragment so that it completely enters the bone marrow canal of the second fragment. Then rod (1) is drawn taut by nut (4) and tautening device (3). Because of the lock joints formed by the surfaces of fastening devices (2), the whole device takes on a form which corresponds to the physiological form of the bone marrow canal. The knurled surface of the links assure rigid fixation of the fragments in the radial direction.
- ADVANTAGE - Increases the stability of osteosynthesis by causing the device to curve to fit the physiological curve of the bone marrow canal. Bul.33/7.9.84 (2pp Dwg. No.1/1)

BEST AVAILABLE COPY